

Reason for Allowance

1. Claims 1, 6-14, 16, 19-22, 24-27, 29-38 and 40 are allowed.
2. The following is an examiner's statement of reasons for allowance:

The prior art of record taken singly or in combination fails to teach or suggest a global on-demand management apparatus for user control of a system resource on a grid computing system, the apparatus comprising: a storage device storing executable code; a processor executing the executable code, the executable code comprising a global user input module receiving a user to input global parameter control request, the global parameter control request specifying default performance parameters for a plurality of client performance resources, the default performance parameters comprising an accessibility parameter, a client bandwidth allocation parameter, a storage allocation parameter, a memory allocation parameter, a processor allocation parameter, a client backup recoverability parameter, a client packet proximity parameter, and a client backup proximity parameter, the accessibility parameter indicating an amount of time that each client performance resource is connected to the grid computing system, the client bandwidth allocation parameter indicating client bandwidth dedicated to the grid computing system, the storage allocation parameter indicating client performance resource storage allocated to the grid computing system, the memory allocation parameter indicating client performance resource memory allocated to the grid computing system, the processor allocation parameter indicating processing capability dedicated to the grid computing system, the client backup recoverability parameter indicating recoverability of data stored on

Art Unit: 2445

each client performance resource, the client packet proximity parameter indicating a physical distance between client performance resources storing backup data packets, and the client backup proximity parameter indicating a physical distance of each client performance resource to a source client; a global parameter module dynamically updating the performance parameters for each client performance resource according to the global parameter control request during a concurrent grid system operation; a client user input module receiving a user client parameter control request, the client parameter control request specifying first performance parameters for a first client performance resource of the plurality of client performance resources, the performance parameters comprising the accessibility parameter, the client bandwidth allocation parameter, the storage allocation parameter, the memory allocation parameter, the processor allocation parameter, and the client backup recoverability parameter; and a client allocation module allocating the first client performance resource to the grid computing system with the first performance parameters during the concurrent grid system operation in response to the client parameter control request.

The closest prior art of record (i.e: Pearson (PGPUB: US 2004/0199633), Armentrout et al. (Patent no.: 6,463,457), Talwar et al. (PGPUB: US 2005/0027863 A1), Martins et al. (PGPUB: US 2005/0125537 and Hodges et al. (PGPUB: US 2004/0093381 A1)) taking singly or in combination does not teach or suggest these features. Based on this reasoning, claim 1 is allowable over the prior art of record.

Art Unit: 2445

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LIN LIU whose telephone number is (571)270-1447. The examiner can normally be reached on Monday - Friday, 7:30am - 5:00pm, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Srivastava Vivek can be reached on (571) 272-7304. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service

Art Unit: 2445

Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Lin Liu/
Examiner, Art Unit 2445

/VIVEK SRIVASTAVA/

Supervisory Patent Examiner, Art Unit 2445